BANGALORE METRO RAIL CORPORATION LIMITED

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TENDER DOCUMENT

FOR

ANNUAL PREVENTIVE MAINTENANCE CONTRACT FOR SIGNALLING SYSTEMS INSTALLED IN REACH-5 STATIONS, HEBBAGODI DEPOT AND OCC & BCC

BANGALORE METRO RAIL CORPORATION - O&M

Tender No: BMRCL/O&M/SIG/PMC/02

VOLUME 2

FINANCIAL PACKAGE

DEC 2024

BANGALORE METRO RAIL CORPORATION LIMITED

O&M Wing, Baiyappanahalli Depot

Bangalore-560038

Karnataka, India

SIGNALLING O&M BMRCL BENGALURU

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PRICED BILL OF QUANTITY

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PREAMBLE

1. General Requirements

The Tenderer's attention is drawn to complete tender document (which comprise of Notice Inviting Tender, Instruction to Tenderers including annexure referred therein, Qualification Information, Form of Tender including appendices referred therein, General Conditions of Contract, Special Conditions of Contract and Employer's Requirements) which are to be read in conjunction with the Schedule of Rate. This Preamble shall serve as a definitive guide to the measurement of work and corresponding payment.

2. Scope of work

This Contract is for "ANNUAL PREVENTIVE MAINTENANCE CONTRACT FOR SIGNALLING SYSTEMS INSTALLED IN REACH-5 STATIONS, HEBBAGODI DEPOT AND OCC & BCC" for a period of Five years as per terms and conditions mentioned in Employer's requirement the tender document.

3. Interface Work

The Contractor shall be required to have a close interface with the Signalling staff of BMRCL O&M Team.

4. Units and Currency

The Tenderer shall quote the rate(s) / cost(s) in the Bill Of Quantities (BOQ) in Indian Rupees only.

5. Allowances in rates

The list below is not exhaustive and the Tenderers are expected to take all costs involved while quoting the rates that will not be subject to variation on any account.

a) All setting out and survey work, site inspection.
b) Safety precautions and all measures to prevent erosion and suppress fire and other hazards;
c) Interference to the Works by persons, vehicles, and the like being legitimate users of the facilities on or in the vicinity of the Site;
d) The protection and safety of BMRCL trains and services;
e) Supplying, maintaining and removing on completion, all temporary work.
f) Welfare services and other facilities including telephones and facsimile machines and all charges in connection therewith;
g) Working adjacent to or across existing services and installations;
h) Co-ordination and interference to the Works by the works of Designated Contractors and others employed by BMRCL being legitimate users of the facilities on or in the vicinity of the Site;
i) Insurance, including all risks, third party, Workmen's Compensation and others;
j) Carrying out all works in accordance with employer's requirement.
k) Custom clearance / Port Clearance if any.
l) Various Bank guarantees/ warranties/undertakings.
m) Packing, handling and forwarding charges.

6. Contract Price

Tenderer shall quote the rate for all items in Bill of Quantities (BoQ). **The Tenderer shall fill in and complete the Bill of Quantities (Financial Package) online through**

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Karnataka Public Procurement Portal (eProcurement portal) only and no hardcopy of commercials should be attached or disclosed elsewhere.

7. Payment towards work of PMC

Payment towards PMC shall be made on quarterly basis on the calculated PMC cost determined for each quarter with submission of requisite document as per Clause- 44 of GCC and Terms of Payment as stipulated in (Cl. 2.12) Section – 06 (Special Conditions of Contract) of Tender document.

8. Taxes and Duties:

8.1 The Contract Price shall be inclusive of all applicable taxes, Cess and duties excluding CGST & SGST. BMRCL shall pay the applicable CGST & SGST as per laws, against the service provided by the contractor.

8.2 The Contractor shall ensure full compliance with tax laws of India with regard to this Contract and shall be solely responsible for the same. He shall submit copies of acknowledgements evidencing filing of returns every year and shall keep the Employer fully indemnified against liability of tax, interest, penalty, etc. of the Contractor's in respect thereof, which may arise.

8.3 The Contractor shall be responsible to fulfil all statutory liabilities, if any towards his staff such as payment of minimum wages, PF, ESI, insurance and any other dues, etc. including all amendments issued by the Govt. from time to time. Being a Principal Employer, BMRCL may ask to submit the documents in original.

8.4 Income Tax deduction: As per the prevailing rate shall be deducted and remitted to the Income Tax authorities and Form 16 shall be furnished by BMRCL in proof of remittance to Income Tax Department. For availing lower deduction of Income Tax, necessary certificate for each financial year issued by the Income Tax Authority shall be furnished by the Contractor, failing which IT at the maximum rate will be deducted.

8.5 The Contract Price shall be inclusive of all charges of insurance, transportation up to destination, handling, installation, royalties & any other charges leviable and payable by the Contractor under the Contract, or for any other cause and including Tax to be deducted at source and shall be included in the Total Tender Price.

8.6 The Contractor shall be entirely responsible for license fees and any other incidentals incurred until completion of the whole of the Works and handover to the Employer.

8.7 The Contractor shall maintain complete records of duties, other taxes and levies, etc., payable to various authorities in relation to the Works and submit the receipts/records for verification as and when demanded in writing by the Employer.

8.8 Any increase in GST shall not be paid in the extended period of Contract for which the Contractor alone is responsible for delay as determined by the Engineer while granting the extension of time". However, this shall not be applicable for "variations.

9. **UNPRICED ITEMS**

Items against which no rate or sum is entered by the Tenderer, whether quantities are stated or not shall be regarded as covered by other rates in the Statement of Prices/Tender Pricing. The Tenderer shall take regard of the actual site conditions and the items entered in the Bill of quantities. The Tenderer shall price his Tender accordingly and the price quoted in the BOQ entered shall be full and only price paid for all work performed against that item except as described in the Tender Documents.

10. BMRCL will consider the above prices for evaluation of Tender only.

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BILL OF QUANTITIES (BOQ)
Contract No: BMRCL/O&M/SIG/PMC/02
Name of Work: ANNUAL PREVENTIVE MAINTENANCE CONTRACT FOR SIGNALLING SYSTEMS INSTALLED IN REACH-5 STATIONS, HEBBAGODI DEPOT AND OCC & BCC

Sl no.	Item	Rate in INR
01	ANNUAL PREVENTIVE MAINTENANCE CONTRACT PRICE FOR 1ST YEAR	
02	ANNUAL PREVENTIVE MAINTENANCE CONTRACT PRICE FOR 2ND YEAR	
03	ANNUAL PREVENTIVE MAINTENANCE CONTRACT PRICE FOR 3RD YEAR	
04	ANNUAL PREVENTIVE MAINTENANCE CONTRACT PRICE FOR 4TH YEAR	
05	ANNUAL PREVENTIVE MAINTENANCE CONTRACT PRICE FOR 5TH YEAR	
Total		
GST		
Grand Total		

NOTE:

1. **Annual escalation of price shall be limited to maximum of 5%.**
2. **The Tenderer shall fill in and complete the Bill of Quantities (Financial Package) online through Karnataka Public Procurement Portal (eProcurement portal) only and no hardcopy of commercials should be attached or disclosed elsewhere.**
3. **Breakup for the above Price shall be submitted by successful tenderer as per Annexure-1.**

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Annexure-1

Breakup for BILL OF QUANTITIES (BOQ)

Sl. No	Description	Asset Qty	No. of events per year	Total Rate (INR)									
				1st Year		2nd Year		3rd Year		4th year		5th Year	
				Unit Rate for D (INR)	Amount (INR)	Unit Rate for D (INR)	Amount (INR)	Unit Rate for D (INR)	Amount (INR)	Unit Rate for D (INR)	Amount (INR)	Unit Rate for D (INR)	Amount (INR)
A	B	C	D	E	D x E	F	D x F	G	D x G	H	D x H	I	D x I
1	Point Machine S700 K Monthly	28	336										
2	Point Machine S700 K Half yearly	28	168										
3	Point Machine IRS Depot Biweekly	44	1056										
4	Point Machine IRS Depot Monthly	44	528										
5	Point Machine IRS Depot Quarterly	44	176										
6	CHK yearly	24	24										
7	Axle counter yearly	213	213										
8	Axle counter two yearly	213	213										
9	Main Signal, Shunt Signal, and Route Indicator - Six monthly	129	258										
10	Balise- yearly	688	688										
11	PDC Six monthly	19	38										
12	PDC yearly	19	19										
13	UPS quarterly	19	76										
14	Trainborne Equipment - weekly	15	780										
15	Trainborne Equipment - quarterly	15	60										
16	Trainborne Equipment - six monthly	15	30										

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17	Airlink Trackside equipment - six monthly	126	252										
18	Airlink Trackside equipment - yearly	126	126										
19	VTS quarterly	124	496										
20	VTS half yearly	124	248										
21	LVS quarterly	1	4										
22	LVS half yearly	1	2										
23	Marker Board - yearly	100	100										
24	Indoor SER maintenance / cleaning cubicles - Interlocking stations/depot - half yearly	3	6										
25	Indoor SER maintenance / cleaning cubicles - Interlocking stations/depot- yearly	3	3										
26	Indoor SER maintenance / cleaning cubicles - Object controller stations - Half yearly	3	6										
27	Indoor SER maintenance / cleaning cubicles - Object controller stations - yearly	3	3										
28	Indoor SER maintenance / cleaning cubicles -secondary stations - half yearly	11	22										
29	Indoor SER maintenance / cleaning cubicles -secondary stations - yearly	11	11										

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30	Indoor maintenance / cleaning cubicles OCC/BCC - half yearly	2	4										
31	Indoor maintenance / cleaning cubicles OCC/BCC - yearly	2	2										
Yearly Total													
Tender Total (sum of all five years)													

The Tender Total comprises:

Indian Rupees: ..... (in figures)

.....(in words)

NOTE:

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